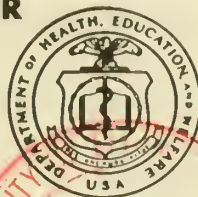


FS2.60/9:14/4

COMMUNICABLE DISEASE CENTER



Vol. 14, No. 4

WEEKLY
REPORTWeek Ending
January 30, 1965

Morbidity and Mortality

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE PUBLIC HEALTH SERVICE

EPIDEMIOLOGIC NOTES

INFLUENZA

Group A influenza infections have been demonstrated by serological conversions in 4 States during the past few weeks. In addition to confirmations in New Jersey, Connecticut, Massachusetts, and Pennsylvania, (some reported in MMWR, Vol. 14, No. 3), focal outbreak of influenza in Missouri has presumptively been ascribed to Type A virus by fluorescent antibody study of nasal secretions from typical cases. An outbreak of influenza-like disease has been reported from northern Maine but laboratory tests are

CONTENTS

Epidemiologic Reports	34
Influenza - State Reports	34
New Jersey; Missouri; Maine; Pennsylvania	34
International	40

as yet incomplete and the etiological agent not identified. The only virus isolate yet typed is an influenza A₂ strain recovered in Allegheny County, Pennsylvania.

The outbreaks occurring in these States continue to be sporadic and scattered. In general, children principally appear to be affected at times resulting in marked school

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
(Cumulative totals include revised and delayed reports through previous weeks)

Disease	4th Week Ended		Median 1960 - 1964	Cumulative, First 4 Weeks		
	January 30, 1965	January 25, 1964		1965	1964	Median 1960 - 1964
Aseptic meningitis	26	27	26	126	117	105
Brucellosis	4	9	7	21	19	22
Diphtheria	1	7	20	13	18	60
Encephalitis, primary infectious..	31	30	---	123	110	---
Encephalitis, post-infectious....	18	4	---	52	23	---
Hepatitis, infectious including serum hepatitis	851	1,116	1,129	3,104	3,482	4,096
Measles	7,639	7,060	8,908	26,393	21,879	30,927
Meningococcal infections	60	50	50	258	205	205
Poliomyelitis, Total	1	4	7	1	5	31
Paralytic	1	3	5	1	3	19
Nonparalytic	—	1	---	—	2	---
Unspecified	—	—	---	—	—	---
Streptococcal Sore Throat and Scarlet fever	11,335	10,177	9,470	39,517	33,852	33,016
Tetanus	1	5	---	12	20	---
Tularemia	5	7	---	29	36	---
Typhoid fever	14	2	9	26	18	24
Rabies in Animals	95	81	57	368	244	228

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	1	Robies in Man:	—
Botulism:	—	Smallpox:	—
Leptospirosis: Hawaii - 1, Texas - 1	2	Trichinosis: Minn. - 16	17
Malaria: Conn. - 1	1	Typhus -	—
Plague:	—	Murine:	—
Psittacosis:	2	Rky. Mt. Spotted:	3

EPIDEMIOLOGIC NOTES INFLUENZA - Continued

absenteeism. Extension of the illness into adult and older age populations is not being generally observed although in some areas cases are being identified among all age groups.

Attention is called to the charted influenza and pneumonia mortality data reported to CDC from 122 United States cities (page 35). In the United States as a whole, influenza and pneumonia deaths are below the epidemic threshold. In the Middle Atlantic Division, irregular excursions above the "epidemic threshold" have been evident in past weeks. Several cities within the Eastern Divisions have reported fluctuations in numbers of deaths, at times well above seasonal expectations. Although some of the increases may reflect already identified influenza activity in the area, others cannot yet be explained.

EPIDEMIOLOGIC REPORTS INFLUENZA - State Reports

New Jersey

Since early January 1965, health workers, physicians and other paramedical personnel have been aware of an increased incidence of acute febrile respiratory disease throughout the State. Influenza activity was first confirmed at a State school for boys, 9 to 16 years of age, near Jamesburg in Middlesex County. On January 1, 1965, older boys returning from vacations in the Newark, New Brunswick, and Paterson areas, developed acute febrile respiratory illnesses. During the following week, the daily number of new cases reached a peak. The over-all attack rate in the ensuing epidemic was 22 percent among the 700 inmates and 5 percent among school employees. The illness was characterized as an acute systemic febrile respiratory disease with temperatures up to 104° F. Serologic confirmation of group A influenza was performed by the State Laboratory; virus isolation attempts are under way.

Subsequent outbreaks of clinically similar illness were noted in 3 institutions in the Middlesex-Somerset County areas: a psychiatric hospital, a chronic disease hospital, and a State university. Attack rates within these institutions have been uniformly low (10 percent); no laboratory confirmations have been made to date.

From a survey of physicians, it would appear that increased respiratory illness is occurring in scattered areas throughout the State. There has been no widespread school or industrial absenteeism to support this survey to date.

(Reported by William J. Dougherty, M.D., Director, Division of Preventable Disease Control, Martin Goldfield, M.D., Director of Laboratories, New Jersey State Department of Health, and an EIS officer assisting in the investigation).

Missouri

A consolidated school in Princeton, Missouri, with about 700 students experienced a sudden increase in its daily absentee rate to more than 25 percent early in the week of January 24. Because of continuing high absenteeism, the school was closed on January 27. Clinically the accountable illness was characterized as being influenza-like but of only moderate severity.

Epidemiological and laboratory studies are under way in the State Health Department and the CDC Field Station, Kansas City, Kansas. Employing fluorescein labeled A₂ influenza antiserum, presumptive diagnosis were made in four of seven school children whose nasal epithelial cells demonstrated specific fluorescent staining. Additional confirmatory tests are pending.

Retrospectively, it appears likely that a similar illness was present in towns east of Princeton earlier in January and was responsible for the brief closing of schools in one of them.

(Reported by Dr. E.A. Belden, Communicable Disease Consultant, Missouri Department of Public Health and Welfare, and the CDC Kansas City Field Station).

Maine

In northern Aroostook County, near the Canadian border, outbreaks of febrile respiratory disease were observed beginning in early to middle January. Affecting only moderate numbers of individuals, the illness appears to have spread in a diffuse pattern through parts of central Maine in more recent weeks. Augusta is noted, however, to be the only urban area in the State where there are evidences of modest increases in absenteeism in scattered schools and in physicians' descriptions of the heightened occurrence of respiratory diseases. The syndrome has been observed primarily in younger age groups and has not made an impact on baseline industrial absenteeism. Laboratory processing of specimens is presently under way at CDC.

(Reported by Dr. Dean H. Fisher, Commissioner, Maine Department of Health and Welfare).

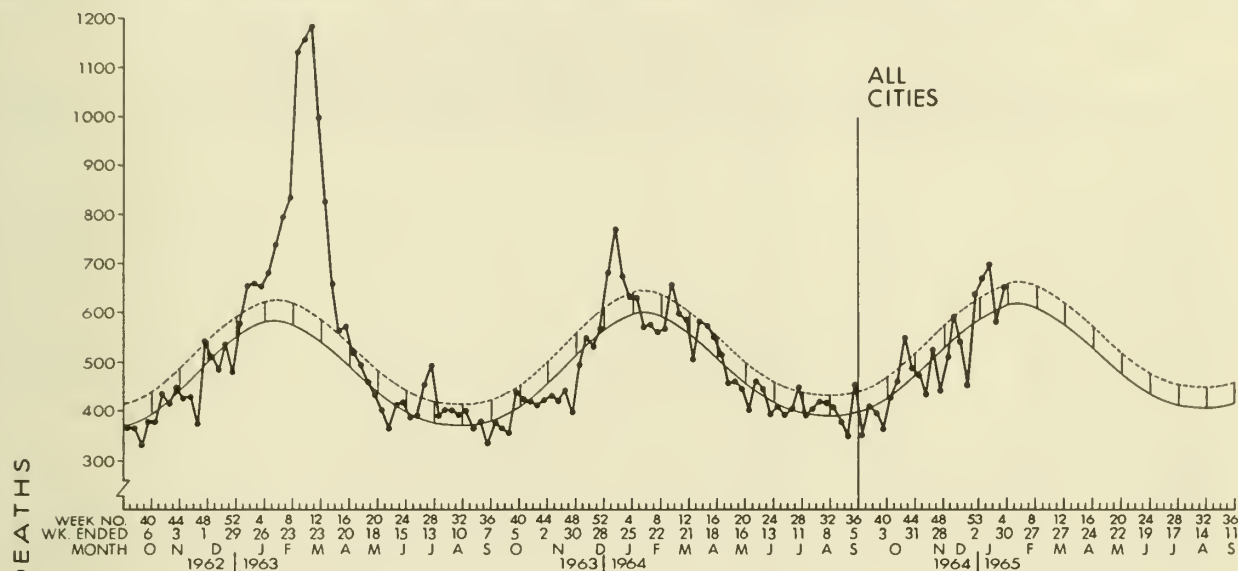
Pennsylvania

Influenza virus Type A₂ has been recovered by the Allegheny County Laboratory from a case involved in an outbreak recently recognized in the County. Some increase in school absenteeism is now being recognized in Pittsburgh.

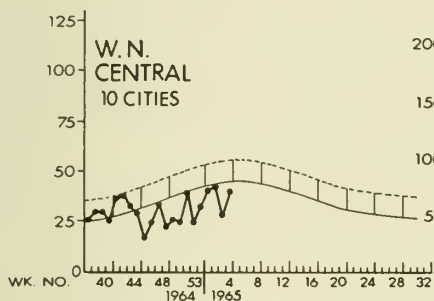
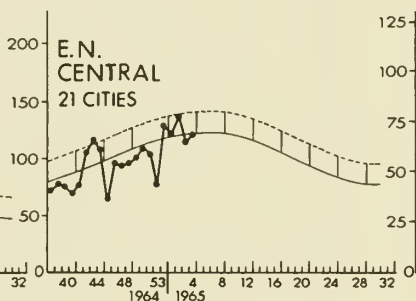
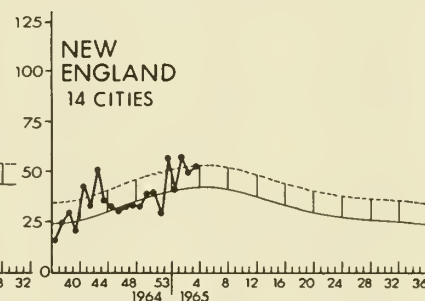
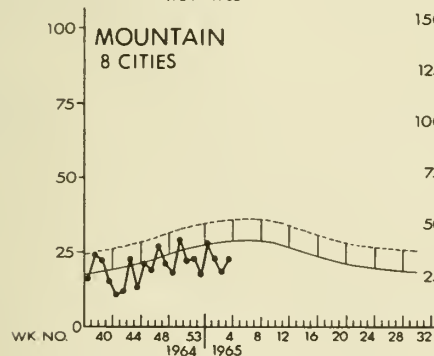
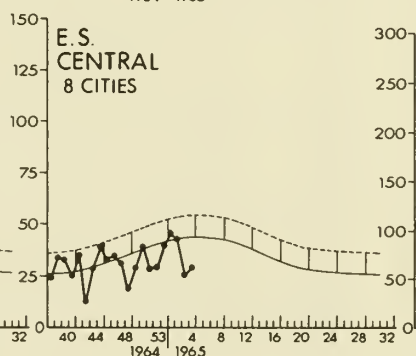
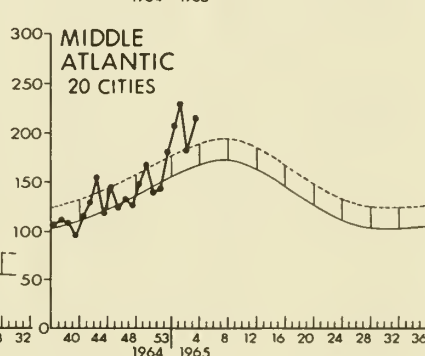
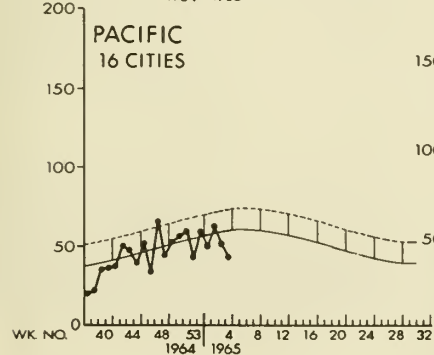
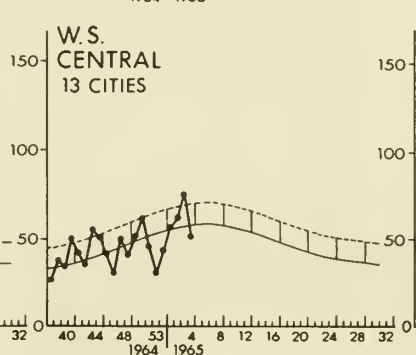
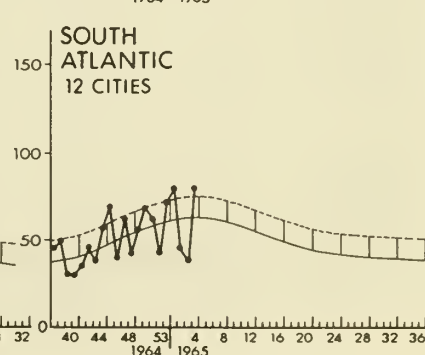
(Reported by Dr. Edwin Brown, Epidemiologist, an EIS Officer, and Mr. Joseph Sarandria, Laboratory Director, Allegheny County Department of Health).

(Continued on back page)

PNEUMONIA-INFLUENZA DEATHS IN 122 UNITED STATES CITIES



NUMBER OF DEATHS

W.N.
CENTRAL
10 CITIESE.N.
CENTRAL
21 CITIESNEW
ENGLAND
14 CITIESMOUNTAIN
8 CITIESE.S.
CENTRAL
8 CITIESMIDDLE
ATLANTIC
20 CITIESPACIFIC
16 CITIESW.S.
CENTRAL
13 CITIESSOUTH
ATLANTIC
12 CITIES

JANUARY 30, 1965 AND JANUARY 25, 1964 (4TH WEEK)

Area	Aseptic Meningitis		Encephalitis		Polio myelitis						Diphtheria	
			Primary	Post-Inf.	Total Cases			Paralytic				Cum.
	1965	1964	1965	1965	1965	Cumulative		1965	Cumulative			
						1965	1964		1965	1964		
UNITED STATES...	26	27	31	18	1	1	5	1	1	3	1	13
NEW ENGLAND.....	1	-	1	2	-	-	-	-	-	-	-	-
Maine.....	1	-	-	-	-	-	-	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	-	-	1	-	-	-	-	-	-	-	-	-
Rhode Island.....	-	-	-	2	-	-	-	-	-	-	-	-
Connecticut.....	-	-	-	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC.....	1	1	15	7	-	-	-	-	-	-	-	1
New York City.....	-	-	2	-	-	-	-	-	-	-	-	1
New York, Up-State..	-	1	2	5	-	-	-	-	-	-	-	-
New Jersey.....	-	-	7	-	-	-	-	-	-	-	-	-
Pennsylvania.....	1	-	4	2	-	-	-	-	-	-	-	-
EAST NORTH CENTRAL...	5	5	4	1	-	-	-	-	-	-	-	1
Ohio.....	1	-	3	-	-	-	-	-	-	-	-	-
Indiana.....	-	-	-	-	-	-	-	-	-	-	-	1
Illinois.....	3	-	1	-	-	-	-	-	-	-	-	-
Michigan.....	1	5	-	1	-	-	-	-	-	-	-	-
Wisconsin.....	-	-	-	-	-	-	-	-	-	-	-	-
WEST NORTH CENTRAL...	-	3	2	-	-	-	-	-	-	-	-	3
Minnesota.....	-	3	-	-	-	-	-	-	-	-	-	-
Iowa.....	-	-	-	-	-	-	-	-	-	-	-	-
Missouri.....	-	-	-	-	-	-	-	-	-	-	-	1
North Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota.....	-	-	1	-	-	-	-	-	-	-	-	1
Nebraska.....	-	-	-	-	-	-	-	-	-	-	-	1
Kansas.....	-	-	1	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC.....	-	4	5	1	-	-	3	-	-	2	1	4
Delaware.....	-	-	-	-	-	-	-	-	-	-	-	-
Maryland.....	-	-	1	-	-	-	-	-	-	-	-	-
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	-	-	-
Virginia.....	-	2	3	1	-	-	-	-	-	-	-	-
West Virginia.....	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina.....	-	-	1	-	-	-	1	-	-	-	-	1
South Carolina.....	-	-	-	-	-	-	-	-	-	-	-	-
Georgia.....	-	-	-	-	-	-	-	-	-	-	1	1
Florida.....	-	2	-	-	-	-	2	-	-	2	-	2
EAST SOUTH CENTRAL...	2	1	-	-	-	-	1	-	-	-	-	1
Kentucky.....	2	1	-	-	-	-	-	-	-	-	-	-
Tennessee.....	-	-	-	-	-	-	1	-	-	-	-	-
Alabama.....	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi.....	-	-	-	-	-	-	-	-	-	-	-	1
WEST SOUTH CENTRAL...	2	1	-	-	1	1	-	1	1	-	-	3
Arkansas.....	-	-	-	-	1	1	-	1	1	-	-	-
Louisiana.....	1	-	-	-	-	-	-	-	-	-	-	-
Oklahoma.....	-	-	-	-	-	-	-	-	-	-	-	-
Texas.....	1	1	-	-	-	-	-	-	-	-	-	3
MOUNTAIN.....	2	3	-	-	-	-	-	-	-	-	-	-
Montana.....	-	-	-	-	-	-	-	-	-	-	-	-
Idaho.....	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming.....	-	-	-	-	-	-	-	-	-	-	-	-
Colorado.....	2	3	-	-	-	-	-	-	-	-	-	-
New Mexico.....	-	-	-	-	-	-	-	-	-	-	-	-
Arizona.....	-	-	-	-	-	-	-	-	-	-	-	-
Utah.....	-	-	-	-	-	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	13	9	4	7	-	-	1	-	-	1	-	-
Washington.....	1	3	-	-	-	-	-	-	-	-	-	-
Oregon.....	1	-	-	-	-	-	-	-	-	-	-	-
California.....	10	4	4	7	-	-	1	-	-	1	-	-
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	1	2	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	-	-	-	-	-	-

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES. UNITED STATES

FOR WEEKS ENDED

JANUARY 30, 1965 AND JANUARY 25, 1964 (4TH WEEK) - CONTINUED

Area	Brucel- losis	Infectious Hepatitis including Serum Hepatitis					Meningococcal Infections			Tetanus	
		Total incl. unk.	Under 20 years	20 years and over	Cumulative Totals		1965	Cumulative		1965	Cum. 1965
		1965	1965	1965	1965	1964		1965	1964		
UNITED STATES...	4	851	454	353	3,104	3,482	60	258	205	1	12
NEW ENGLAND.....	-	51	20	25	188	471	7	15	6	-	1
Maine.....	-	15	10	5	44	194	3	4	-	-	-
New Hampshire.....	-	4	-	3	15	53	-	-	-	-	1
Vermont.....	-	8	4	1	20	51	-	-	-	-	-
Massachusetts.....	-	10	2	6	57	173	2	7	1	-	-
Rhode Island.....	-	6	2	4	18	18	-	1	-	-	-
Connecticut.....	-	8	2	6	34	70	2	3	5	-	-
MIDDLE ATLANTIC.....	-	188	81	01	630	793	9	36	30	-	1
New York City.....	-	32	10	22	105	113	2	9	6	-	-
New York, Up-State.....	-	83	44	39	294	389	2	8	12	-	1
New Jersey.....	-	25	5	20	82	114	4	12	4	-	-
Pennsylvania.....	-	48	28	20	149	177	1	7	8	-	-
EAST NORTH CENTRAL...	1	176	115	56	558	464	11	33	26	-	-
Ohio.....	-	68	44	22	190	136	3	13	10	-	-
Indiana.....	-	21	15	5	29	27	3	5	3	-	-
Illinois.....	-	17	12	4	91	51	2	8	5	-	-
Michigan.....	-	62	39	23	210	228	3	4	7	-	-
Wisconsin.....	1	8	5	2	38	22	-	3	1	-	-
WEST NORTH CENTRAL...	1	72	47	21	233	203	1	14	7	-	2
Minnesota.....	-	4	1	2	18	9	1	3	2	-	1
Iowa.....	1	30	19	9	116	29	-	-	-	-	-
Missouri.....	-	14	12	2	40	48	-	6	3	-	1
North Dakota.....	-	1	1	-	2	13	-	3	1	-	-
South Dakota.....	-	2	-	2	4	13	-	-	-	-	-
Nebraska.....	-	2	-	1	5	7	-	-	-	-	-
Kansas.....	-	19	14	5	48	84	-	2	1	-	-
SOUTH ATLANTIC.....	-	90	46	41	324	320	16	61	51	-	5
Delaware.....	-	1	-	1	5	2	-	2	-	-	-
Maryland.....	-	13	6	7	58	56	-	3	5	-	-
Dist. of Columbia..	-	1	-	1	3	8	1	1	-	-	-
Virginia.....	-	15	7	6	59	37	3	9	5	-	1
West Virginia.....	-	26	20	6	74	52	3	6	4	-	-
North Carolina.....	-	17	7	10	40	64	4	9	8	-	-
South Carolina.....	-	2	-	2	11	8	2	5	7	-	-
Georgia.....	-	1	1	-	20	6	1	12	6	-	3
Florida.....	-	14	5	8	54	87	1	14	16	-	1
EAST SOUTH CENTRAL...	1	41	27	13	172	255	1	15	14	1	1
Kentucky.....	1	17	11	5	61	126	-	7	4	-	-
Tennessee.....	-	17	11	6	65	79	-	4	7	1	1
Alabama.....	-	1	-	1	28	35	1	4	2	-	-
Mississippi.....	-	6	5	1	18	15	-	-	1	-	-
WEST SOUTH CENTRAL...	1	83	50	29	322	198	5	29	30	-	1
Arkansas.....	-	11	6	5	36	24	-	2	3	-	-
Louisiana.....	-	11	6	5	47	22	-	6	10	-	-
Oklahoma.....	1	12	10	2	21	15	1	6	2	-	-
Texas.....	-	49	28	17	218	137	4	15	15	-	1
MOUNTAIN.....	-	32	7	4	166	241	2	8	14	-	-
Montana.....	-	5	4	1	15	19	-	-	-	-	-
Idaho.....	-	8	-	-	36	16	-	-	1	-	-
Wyoming.....	-	1	1	-	14	3	-	-	1	-	-
Colorado.....	-	-	-	-	9	51	-	1	6	-	-
New Mexico.....	-	3	2	1	31	59	-	5	5	-	-
Arizona.....	-	10	-	-	41	49	2	2	-	-	-
Utah.....	-	4	-	1	19	38	-	-	1	-	-
Nevada.....	-	1	-	1	1	6	-	-	-	-	-
PACIFIC.....	-	118	55	63	511	537	8	47	27	-	1
Washington.....	-	15	7	8	48	75	-	-	2	-	-
Oregon.....	-	6	4	2	53	51	1	2	-	-	-
California.....	-	92	43	49	369	380	7	44	23	-	1
Alaska.....	-	-	-	-	36	21	-	1	-	-	-
Hawaii.....	-	5	1	4	5	10	-	-	2	-	-
Puerto Rico	-	16	13	3	27	15	-	-	1	-	-

Morbidity and Mortality Weekly Report

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
JANUARY 30, 1965 AND JANUARY 25, 1964 (4TH WEEK) - CONTINUED

Area	Measles			Strept. Sore Th. & Scarlet Fev.	Tularemia		Typhoid Fever		Rabies in Animals	
	1965	Cumulative			1965	Cum. 1965	1965	Cum. 1965	1965	Cum. 1965
		1965	1964							
UNITED STATES...	7,639	26,393	21,879	11,335	5	29	14	26	95	368
NEW ENGLAND.....	1,778	7,109	1,157	1,044	-	-	-	-	1	6
Maine.....	206	904	114	107	-	-	-	-	-	-
New Hampshire.....	20	135	8	1	-	-	-	-	-	-
Vermont.....	8	28	311	25	-	-	-	-	1	5
Massachusetts.....	1,152	4,109	254	169	-	-	-	-	-	-
Rhode Island.....	260	831	68	51	-	-	-	-	-	-
Connecticut.....	132	1,102	402	691	-	-	-	-	-	1
MIDDLE ATLANTIC.....	299	959	4,309	447	-	-	-	2	3	13
New York City.....	21	120	1,629	27	-	-	-	1	-	-
New York, up-State.....	135	342	1,013	299	-	-	-	1	3	11
New Jersey.....	53	166	716	65	-	-	-	-	-	-
Pennsylvania.....	90	331	951	56	-	-	-	-	-	2
EAST NORTH CENTRAL...	1,530	4,547	4,285	1,452	-	-	1	1	4	17
Ohio.....	343	1,001	658	256	-	-	-	-	-	-
Indiana.....	67	209	852	189	-	-	-	-	-	4
Illinois.....	55	147	1,489	269	-	-	-	-	2	2
Michigan.....	778	2,304	913	483	-	-	-	-	-	4
Wisconsin.....	287	886	373	255	-	-	1	1	2	7
WEST NORTH CENTRAL...	689	1,927	522	459	-	2	1	1	15	70
Minnesota.....	18	33	7	7	-	-	-	-	6	19
Iowa.....	506	1,079	134	103	-	-	-	-	7	24
Missouri.....	46	175	66	5	-	1	1	1	1	11
North Dakota.....	115	542	308	72	-	-	-	-	-	6
South Dakota.....	4	20	3	63	-	-	-	-	-	3
Nebraska.....	-	78	4	-	-	-	-	-	-	4
Kansas.....	NN	NN	NN	209	-	1	-	-	1	3
SOUTH ATLANTIC.....	993	3,879	2,525	1,509	2	11	4	9	15	54
Delaware.....	-	66	27	9	-	-	1	1	-	-
Maryland.....	26	55	404	305	-	-	-	3	1	2
Dist. of Columbia..	3	3	46	8	-	-	-	-	-	-
Virginia.....	100	585	538	296	-	3	-	-	9	42
West Virginia.....	716	2,818	833	569	-	-	1	1	-	1
North Carolina.....	14	70	62	17	2	2	2	4	-	-
South Carolina.....	17	38	401	96	-	2	-	-	-	-
Georgia.....	66	94	64	23	-	4	-	-	3	4
Florida.....	51	150	150	186	-	-	-	-	2	5
EAST SOUTH CENTRAL...	372	1,371	3,069	1,458	2	7	1	2	39	137
Kentucky.....	25	84	1,703	149	-	1	-	-	1	6
Tennessee.....	277	936	1,219	1,189	2	5	1	1	38	126
Alabama.....	54	223	96	47	-	1	-	1	-	5
Mississippi.....	16	128	51	73	-	-	-	-	-	-
WEST SOUTH CENTRAL...	617	2,124	1,323	966	-	6	6	8	11	49
Arkansas.....	19	25	65	4	-	3	2	3	2	7
Louisiana.....	4	5	1	17	-	-	1	1	6	17
Oklahoma.....	4	21	16	72	-	3	-	1	-	8
Texas.....	590	2,073	1,241	873	-	-	3	3	3	17
MOUNTAIN.....	584	2,306	943	1,938	1	3	1	2	2	7
Montana.....	255	825	268	90	-	-	-	-	1	1
Idaho.....	65	360	140	161	-	-	-	-	-	-
Wyoming.....	-	56	12	23	-	-	-	1	-	-
Colorado.....	57	302	91	878	-	-	-	-	-	-
New Mexico.....	2	53	53	296	-	-	1	1	-	-
Arizona.....	14	57	255	223	-	-	-	-	1	6
Utah.....	191	650	88	267	1	3	-	-	-	-
Nevada.....	-	3	36	-	-	-	-	-	-	-
PACIFIC.....	777	2,171	3,746	2,062	-	-	-	1	5	15
Washington.....	298	623	1,455	539	-	-	-	-	-	-
Oregon.....	108	473	447	36	-	-	-	-	-	-
California.....	282	808	1,417	1,413	-	-	-	-	5	15
Alaska.....	-	25	400	18	-	-	-	-	-	-
Hawaii.....	89	242	27	56	-	-	-	1	-	-
Puerto Rico	21	105	272	6	-	-	-	-	-	-

Morbidity and Mortality Weekly Report

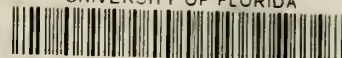
39

Week No. 4 Table 4. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED JANUARY 30, 1965

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes	Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes
	All Ages	65 years and over				All Ages	65 years and over		
NEW ENGLAND:	950	602	52	35	SOUTH ATLANTIC:	1,223	647	80	73
Boston, Mass.-----	350	215	9	15	Atlanta, Ga.-----	127	49	5	12
Bridgeport, Conn.-----	52	39	7	3	Baltimore, Md.-----	272	139	8	21
Cambridge, Mass.-----	44	29	3	1	Charlotte, N. C.-----	44	23	8	1
Fall River, Mass.-----	32	21	5	1	Jacksonville, Fla.-----	77	34	2	8
Hartford, Conn.-----	71	35	2	4	Miami, Fla.-----	83	45	2	2
Lowell, Mass.-----	30	17	1	2	Norfolk, Va.-----	59	33	3	3
Lynn, Mass.-----	22	17	-	1	Richmond, Va.-----	95	59	2	2
New Bedford, Mass.-----	27	21	-	-	Savannah, Ga.-----	35	14	4	3
New Haven, Conn.-----	56	31	5	2	St. Petersburg, Fla.-----	81	64	5	1
Providence, R. I.-----	85	48	5	2	Tampa, Fla.-----	91	57	15	3
Somerville, Mass.-----	13	7	-	-	Washington, D. C.-----	208	104	18	14
Springfield, Mass.-----	49	35	6	-	Wilmington, Del.-----	51	26	8	3
Waterbury, Conn.-----	59	46	2	2					
Worcester, Mass.-----	65	41	7	2	EAST SOUTH CENTRAL:	634	352	28	40
MIDDLE ATLANTIC:	3,710	2,199	214	180	Birmingham, Ala.-----	118	59	4	9
Albany, N. Y.-----	42	22	3	2	Chattanooga, Tenn.-----	47	26	1	3
Allentown, Pa.-----	43	31	2	2	Knoxville, Tenn.-----	34	23	1	1
Buffalo, N. Y.-----	173	109	8	3	Louisville, Ky.-----	130	75	13	6
Camden, N. J.-----	44	24	4	3	Memphis, Tenn.-----	126	73	-	8
Elizabeth, N. J.-----	43	28	1	1	Mobile, Ala.-----	56	26	1	7
Erie, Pa.-----	49	38	6	3	Montgomery, Ala.-----	40	23	5	4
Jersey City, N. J.-----	91	50	9	9	Nashville, Tenn.-----	83	47	3	2
Newark, N. J.-----	123	75	14	9	WEST SOUTH CENTRAL:	1,169	614	50	86
New York City, N. Y.-----	1,940	1,135	98	78	Austin, Tex.-----	51	32	9	3
Paterson, N. J.-----	41	26	5	1	Baton Rouge, La.-----	39	19	4	5
Philadelphia, Pa.-----	480	259	15	36	Corpus Christi, Tex.-----	37	15	3	2
Pittsburgh, Pa.-----	227	129	9	8	Dallas, Tex.-----	149	68	3	11
Reading, Pa.-----	56	34	7	3	El Paso, Tex.-----	50	27	4	6
Rochester, N. Y.-----	102	68	10	5	Fort Worth, Tex.-----	74	42	1	4
Schenectady, N. Y.-----	24	15	2	4	Houston, Tex.-----	200	95	5	18
Scranton, Pa.-----	35	21	2	-	Little Rock, Ark.-----	64	37	3	3
Syracuse, N. Y.-----	60	45	1	3	New Orleans, La.-----	194	101	10	17
Trenton, N. J.-----	53	29	5	2	Oklahoma City, Okla.-----	79	48	1	3
Utica, N. Y.-----	42	32	9	3	San Antonio, Tex.-----	119	61	3	8
Yonkers, N. Y.-----	42	29	4	-	Shreveport, La.-----	54	32	4	4
					Tulsa, Okla.-----	59	37	-	2
EAST NORTH CENTRAL:	2,889	1,609	120	198	MOUNTAIN:	460	243	23	29
Akron, Ohio-----	62	42	2	6	Albuquerque, N. Mex.-----	41	12	1	6
Canton, Ohio-----	43	27	8	2	Colorado Springs, Colo.-----	21	11	4	3
Chicago, Ill.-----	850	456	50	53	Denver, Colo.-----	124	70	6	6
Cincinnati, Ohio-----	160	91	6	8	Ogden, Utah-----	21	13	2	4
Cleveland, Ohio-----	210	121	1	18	Phoenix, Ariz.-----	126	62	6	6
Columbus, Ohio-----	138	70	3	10	Pueblo, Colo.-----	20	11	1	-
Dayton, Ohio-----	73	46	1	3	Salt Lake City, Utah-----	48	29	2	2
Detroit, Mich.-----	431	224	14	23	Tucson, Ariz.-----	59	35	1	2
Evansville, Ind.-----	39	29	-	1	PACIFIC:	1,591	950	44	83
Flint, Mich.-----	53	24	3	6	Berkeley, Calif.-----	17	11	2	-
Fort Wayne, Ind.-----	49	23	4	3	Fresno, Calif.-----	49	28	3	2
Gary, Ind.-----	37	11	1	8	Glendale, Calif.-----	45	34	1	2
Grand Rapids, Mich.-----	47	30	4	2	Honolulu, Hawaii-----	51	30	-	6
Indianapolis, Ind.-----	180	98	7	16	Long Beach, Calif.-----	84	52	1	3
Madison, Wis.-----	31	19	-	4	Los Angeles, Calif.-----	499	289	17	36
Milwaukee, Wis.-----	176	110	4	21	Oakland, Calif.-----	85	50	3	4
Peoria, Ill.-----	40	21	1	5	Pasadena, Calif.-----	37	23	-	-
Rockford, Ill.-----	35	26	6	4	Portland, Oreg.-----	119	74	-	3
South Bend, Ind.-----	45	27	2	1	Sacramento, Calif.-----	72	38	-	4
Toledo, Ohio-----	112	60	2	2	San Diego, Calif.-----	95	54	2	7
Youngstown, Ohio-----	73	47	1	2	San Francisco, Calif.-----	219	122	5	6
WEST NORTH CENTRAL:	860	523	40	31	San Jose, Calif.-----	32	20	3	4
Des Moines, Iowa-----	54	37	-	-	Seattle, Wash.-----	110	64	7	6
Duluth, Minn.-----	26	16	-	-	Spokane, Wash.-----	38	30	-	-
Kansas City, Kans.-----	39	23	2	3	Tacoma, Wash.-----	39	31	-	-
Kansas City, Mo.-----	138	84	3	6					
Lincoln, Nebr.-----	27	21	3	-	Total	13,495	7,739	651	755
Minneapolis, Minn.-----	113	72	2	1	Cumulative Totals				
Omaha, Nebr.-----	85	46	6	7	including reported corrections for previous weeks				
St. Louis, Mo.-----	259	144	12	8	All Causes, All Ages -----	55,356			
St. Paul, Minn.-----	68	48	5	2	All Causes, Age 65 and over-----	31,515			
Wichita, Kans.-----	55	32	7	4	Pneumonia and Influenza, All Ages-----	2,595			
					All Causes, Under 1 Year of Age-----	3,272			

*Estimate - based on average percent of divisional total.



(Continued from page 34)

EPIDEMIOLOGIC REPORTS

INFLUENZA - International

Outbreaks of influenza in Russia and East Germany have recently been observed. The following information is from a summary prepared in late January by the World Health Organization:

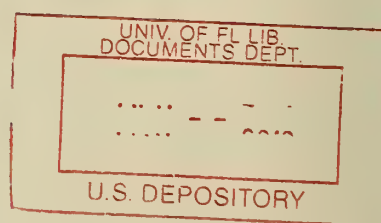
The epidemic of influenza in Leningrad began about January 1, 1965, peaked on January 18th, and declined thereafter. Several thousand people were reportedly involved, not as many as in the influenza epidemic occurring there three years ago. The illness is described as being generally mild, affecting predominately children. During recent days the epidemic has been reported in cities in the north and east of Russia and from Tallinn, Riga, and Moscow. A₂ viruses have been isolated in Leningrad and Moscow. Tests to determine the antigenic characteristics of these viruses have not been completed.

Four A₂ viruses have been isolated from scattered outbreaks in the Baltic Sea area of East Germany.

There are no outbreaks of influenza reported presently from other countries in Europe.

(Reported by W. Charles Cockburn, M.D., Chief, Medical Officer, Virus Unit, World Health Organization, Geneva).

U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
Communicable Disease Center
Atlanta, Georgia 30333
Official Business



THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH A CIRCULATION OF 13,000 IS PUBLISHED BY THE COMMUNICABLE DISEASE CENTER, ATLANTA, GEORGIA 30333.

CHIEF, COMMUNICABLE DISEASE CENTER	JAMES L. GODDARD, M.O.
CHIEF, EPIDEMIOLOGY BRANCH	A. D. LANGMUIR, M.D.
CHIEF, STATISTICS SECTION	R. E. SERFLING, PH.D.
ASST. CHIEF, STATISTICS SECTION	JOA L. SHERMAN, MS
CHIEF, SURVEILLANCE SECTION	O. A. HENDERSON, M.D.
ASSISTANT EDITOR, MMWR	PAUL O. STOLLEY, M.O.

IN ADDITION TO THE ESTABLISHED PROCEDURES FOR REPORTING MORBIDITY AND MORTALITY, THE COMMUNICABLE DISEASE CENTER WELCOMES ACCOUNTS OF INTERESTING OUTBREAKS OR CASES, SUCH ACCOUNTS SHOULD BE ADDRESSED TO:

THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT
COMMUNICABLE DISEASE CENTER
ATLANTA, GEORGIA 30333

NOTE: THESE PROVISIONAL DATA ARE BASED ON WEEKLY TELEGRAMS TO THE CDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY; COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE FOLLOWING FRIDAY.

SYMBOLS: --- DATA NOT AVAILABLE
- QUANTITY ZERO

THE CONSTRUCTION OF THE MORTALITY CURVES IS DESCRIBED IN VOL. 14, NO. 1, JANUARY 15, 1965.

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF H. E. W.
MAIL